

Characters on rock: Rigorous Rigor, Genuine Endeavor

HIT was founded in 1920. It was deemed one of the two model universities emulating foreign mode of higher education in 1951. In 1954 it became one of the six higher education institutions that China focused on developing. Among them HIT was the only institution located outside Beijing, the capital city. In 1999 it was deemed the nation's first tier of 9 universities that was built following examples of world renowned high standard universities. Outstanding elites that HIT has cultivated include leaders of the CCP, the government, the PLA, over 100 university presidents, more than 80 academicians of the CAS and the CAE, and more.

Creating a university is all about creating its specialty. University is not about being universal, but the study of the universe. It's not about being good at everything, but being extremely excellent at a particular area. In the 1950s, HIT focused on training engineers for heavy industry and science/engineering teachers for universities in China. More than 70 international specialists had been invited to work at HIT. HIT then became PRC's first science and engineering university with a 5 year undergraduate system, a three year graduate system, and graduates directly entitled engineers. HIT constructed a set of major fields of study that perfectly match the PRC's industrial system, and an organization mode of office of research on education that closely monitors the types of work demanded by industries and enterprises. HIT has become a center of spreading advanced experiences of foreign higher education and promoting the construction of higher education in China.

HIT has been acknowledged as the cradle for engineers. HIT founded its Department of Aerospace Engineering in 1959, the first Aerospace College in China in 1987, and gradually developed a mode of education that serves the national defense with aerospace researches. HIT has received the Contribution Award for the Manned Space Project of China, the Collective Award for Excellent Contribution to Manned Space Project of China, the Award for Outstanding Individual Contributing to Manned Space Project of China, and many other reputations. In recent years, HIT has participated in 14 Critical Technology Projects of China, including the moon discovery project. In terms of the number of patents authorized each year, the net spending on research, and the number of three national technology awards obtained, HIT is among the first tier of Chinese universities. Self designed mini satellites were launched 6 times and succeeded 6 times.

VO: Ignite!

HIT's Space Environment Simulation and Research Infrastructure was authorized as China's Critical Technology Infrastructure Project. Breakthrough achievement was made in the supporting structure system of the world's largest radio telescope. Five projects have been selected as Ten Technology Developments of Chinese Universities in four consecutive years. A wave of results assisted the launching of Long March 7 and Long March 5 rockets, Heaven Palace 2 space station, Omniship 11 Manned Space Project, and many other important tasks. Eight fields of study including Material Science, Engineering, Physics, Chemistry, Mathematics, Computer Science,

Environment Science and Ecology, Biology, and Biochemistry have entered the top 1% of ESI's global rank. Among them, Engineering and Material Science have reached the top 1/1000. Meanwhile, Engineering is ranked top ten in US News.

It takes a great spirit to fulfill a great deed. Located at a corner of the Northeast of China, HIT owns little advantages in weather and geographical conditions.

Nevertheless, HIT's vitality to develop never drained. From where came the source of a spiritual power strong as such? During the early years after PRC was established, over 800 young teachers from all across China gathered at this northern middle of nowhere covered in ice and snow and took the responsibility of teaching and researching. Their average age was only 27.5. It was this group of young people from all parts of China, from all universities of China, who were neither prejudiced or tied to any particular school of thoughts who remembered the nation's call, carried challenging missions, who rooted in the northeast, overcame immense difficulties, and sacrificed for a common good. They have devoted their whole lives to the industrialization of the republic, and authored marvelous chapters for the development of HIT. They honed a solid foundation for the forming of the school's motto: Rigorous Rigor, Genuine Endeavor. They were honored the Fearless 800.

What's admirable is that not only is HIT continuing to keep its great tradition of massively training and employing young teachers, but it has also established a whole system of effective mechanism to attract, develop, select and utilize the young.

VO: We will adhere to the school's motto of Rigorous Rigor, Genuine Endeavor, and live the spirit of HIT.

Some say HIT is a place to make things happen. Its platforms are many, its teams strong, its ability to collaborate and overcome challenges renowned nation widely. Its empowerment is abundant, its atmosphere cheering, its trait of inclusiveness comes with its birth. Its opportunities are many, its policies welcoming, its selections of prospective young elites fair for national and international candidates. Breaking the status centric mindset, it ranks the best in nursery school, primary school, and middle/high school education. HIT is not saving any strength to ensure the supply of future stars. Three campuses have been built and developed coherently. The whole country has become its stage. As its 100th Anniversary in 2020 approaches, five to seven fields of study will rise to the world's top tier, two to three subjects topping the world's top tier, HIT as a whole is going to reach the rank of the first tier of universities in the world. Calls from the Chinese Dream of the Revitalizing of China Chinese style, world leading the condensation of HIT's goal to strengthen itself with Rigor shall give birth to a new generation of the Fearless 800 and give every youngster a platform to endeavor and create. Rivers embracing sea like HIT welcomes young elites over lakes and seas.